



Gen. William R. Looney III accepts the command of Air Education and Training Command from Gen. John P. Jumper, Air Force Chief of Staff, June 17 during a ceremony on the flightline here in front of base operations. (Photo by Javier Garcia)

General Looney takes command of AETC

Gen. William R. Looney III became Air Education and Training Command's commander here June 17 taking the helm of the Air Force's "First Command."

General John P. Jumper, Air Force chief of staff, presided at the flightline ceremony, which was attended by more than 1,200 people.

General Looney comes to AETC after commanding the Aeronautical Systems Center at Wright-Patterson Air Force Base, Ohio. He also served as commander of the Electronic Systems Center at Hanscom AFB, Mass.; 14th Air Force at Vandenberg AFB, Calif.; the Space Warfare Center at Schriever AFB, Colo.; the 1st Fighter Wing at Langley AFB, Va.; and the 33rd Fighter Wing at Eglin AFB, Fla.

As commander of AETC, General Looney is responsible for recruiting, training and educating Air Force people. His command includes Air Force Recruiting Service, two numbered air forces and Air University. AETC consists of 13 bases, more than 66,000 active-duty members and 15,000 civilians.

During the ceremony, General Jumper also recognized the achievements of the command and its previous commander, General Donald G. Cook.

AETC was presented the Organizational Excellence Award for "exceptionally meritorious service" from Oct. 1, 2002, through Sept. 30, 2004. During this period the command, which oversees the professional training and education of nearly 500,000 people annually, established the Combat Convoy Course, developed the first Air Force UH-1H and Huey II maintenance statement of work saving the Air Force an estimated 30 million dollars, and benchmarked Safety's Command Mentorship program leading to a 25-percent reduction in motorcycle mishaps, according to the award citation.

General Cook received the Distinguished Service Medal for his work as the AETC commander and was retired during the ceremony after 36 years of Air Force service.

The event concluded with a flyover of four T-38

AETC Commander's Call

General Looney will hold a Commander's Call for all AETC staff members today at 1 p.m. and 3 p.m. in the base theater. The sessions have been divided as follows:

- **1 p.m. Session** - CC, CV, DS, HO, CE, DO, DP, SV, HC, FM, SF, PA, AFOMS
- **3 p.m. Session** - JA, LG, SC, SE, SG, IG, XP, RF, AFSAT

Due to limited parking, car pooling or walking are highly encouraged. Buses will run from Building 900 and Hangar 13 at noon and 2 p.m. and return after each session.

Talons in a symbolic tribute to the Air Force careers of General Cook and General Looney – both of whom received their wings after completing flying training in the T-38.

(Courtesy of AETC News Service)

12th Flying Training Wing Training Status											
Pilot Instructor Training <div>As of Monday</div>			Navigator, EWO Students					Wing Flying Hour Program			
			562nd FTS		563rd FTS			Aircraft	Required	Flown	Annual
Squadron	Seniors	Overall	CSO/NFO		CSO		Graduate EWO	T-1A	8730.2	8772.0	12,184
99th FTS	1.0	0.5	USAF	241	OPS	48	International 0	T-6A	12352.0	12526.2	17,290
558th FTS	8.0	-1.3	Navy	52	Advanced EW	21	EW Course 0	T-37B	6436.8	6650.0	8,444
559th FTS	-0.6	-2.8	International	3	Integration	32	Intro to EW 0	T-38C	6938.7	6916.0	10,204
560th FTS	3.2	2.9	Total in Training	296		101	0	T-43	3041.6	3034.9	4,293
Numbers reflect days ahead or behind for senior pilot instructor training class and an average for all PIT classes currently in training.			Numbers reflect students currently in training. The 562nd shows source of combat systems officer students. Air Force students include Air Force Reserve and Air National Guard. The 563rd indicates students in specific courses.					The required and flown numbers reflect hours flown between Oct. 1, 2004 to date. The annual numbers are total hours for fiscal year 2005.			

AIR AND SPACE
EXPEDITIONARY
FORCE

As of Monday, 52 Team
Randolph members are
deployed in support of
military operations
around the globe

“**PROTECT
YOUR
WINGMAN**”

DUI...
It's a crime
not a mistake

Team Randolph's
last DUI was
February 13, 2005

Commander's Action Line

Call 652-5149 or e-mail
randolph.actionline@randolph.af.mil



While our goal is to provide the best programs, products and services to our customers, there will be instances when people believe we could have served them better. In those cases, I ask the individual to first contact the responsible organization to allow the unit commander or manager an opportunity to ensure professional and impartial treatment.

When those officials are unable to provide satisfaction, the individual may contact me through the Action Line. I will ensure each Action Line call is looked into and a reply is given by telephone or in writing. I ask callers to include their name and telephone number so we may send a personal response.

Col. John Hesterman
12th Flying Training Wing commander

Agency Contact Numbers

12th FTW IG	652-2727
12th FTW Legal Office	652-6781
Base Exchange	674-8917
Civil Engineers	652-2401
Civilian Pay	652-6480
Commissary	652-5102
EEO Complaints	652-3749
Equal Opportunity	652-4376
FW&A Hotline	652-3665
Housing Maintenance	652-1856
Military Pay	652-1851
Randolph Clinic	652-2933
Safety Office	652-2224
Security Forces	652-5509
Services	652-5971
Sexual Assault	
Response Coordinator	652-8787
Straight Talk	652-7469
Transportation	652-4314



**Dedicated
June 20, 1930,
Randolph celebrates its
75th Anniversary in 2005**
Graphic by Michelle DeLeon

WINGSPREAD

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Articles may also be sent by e-mail to wingspread@randolph.af.mil or by fax at 652-5412 or base ext. 7-5412.

For more information about submissions, call 652-5760 or base ext. 7-5760.

View from the Top

AETC commander sends 'initial vector'

By Gen. William R. Looney III
Commander of Air Education and Training Command



Gen. William R. Looney III

As we join AETC, I wanted to let you know how excited and honored Marilyn and I are to become part of the Team.

Excited because the mission is so diverse, dynamic and crucial to the future of our Air Force.

Honored because of the magnificent heritage of this great command of service to our Air Force and our country.

My vision for our command is to deliver unrivaled air and space training and education.

I believe we are already doing that and have done it for some time. However, in this dynamic world of ours, with ever-changing demands and threats, we will constantly be required

to adapt our training and education to meet needs and requirements. This will require innovative thinking and flexible approaches to ensure we remain the recognized world center of excellence for training and education.

Our mission is quite simple and

straightforward -- AETC develops America's Airmen today ... for tomorrow. We do that by recruiting the force, training the force and educating the force.

Although the words are easy to say and write, the challenge to make this a reality is huge and demands great professionals to "make it happen." Fortunately, we are blessed in AETC with highly motivated, uniquely talented and totally dedicated warriors who "make it happen" every day.

As I begin my tour, I am committed to taking care of your professional, personal and family needs. You and all those like you represent the very best of our nation, and you deserve the very best in return.

It is my great privilege and honor to serve with you, and I look forward to the outstanding contributions we will make together to our nation.

Command a marathon, not a sprint

By Lt. Col. Debra Doty
12th Medical Operation Squadron commander



Today, as I pass the guidon flag on to a new commander for the 12th Medical Operations Squadron, I want to take the time to reflect on what command really means to me and share three strategies for success.

Over two years ago, I took command of my own squadron, which has been one of the most rewarding and challenging experiences of my life! To be successful, one must learn quickly how to keep balance in your life. If you charge out fast from the gate, you will find you run out of steam and you won't make it to the finish line. Whether you are preparing to be a new commander, superintendent or SNCO of a large squadron for the first time, remember it's a marathon, not a sprint!

I've had the greatest honor in serving my country by commanding my own squadron. I've learned you must give your people the tools to do their jobs, set clear goals and monitor their progress and most of all, believe in them

and they will always soar high above your expectations.

The first strategy for success, as a commander, is to lead with enthusiasm and a smile! Your people will follow your lead and look up to the way you are acting each and every day. Like it or not, they will mirror the attitude of the boss so waking up with a cheerful demeanor will set the stage for your unit the entire day.

The second strategy for success is to get out of the office. My most successful days are when I manage by walking around. Don't just make the rounds. It's superficial and your people will see right through you. Genuinely ask your team what you can do to assist them and try to identify the crazy makers in their work environment.

Many times it literally takes me hours before I come back to the office. Remember, your people are more important than the emails that are stacking up in your inbox and if it's that urgent, they can always page you.

In addition, listen to their ideas and look for the low hanging fruit where you can impact change immediately. Remember, not every problem is yours to solve and a good commander is one who nurtures the team to solve its own problems.

Last, you need to be having fun while in command. What I mean by this is if you are a grouch, constantly negative and frustrated all the time, you won't be a positive motivator in your squadron. You need to step back and reevaluate what you are trying to accomplish.

A very wise general officer told me, once in command, if you are not truly having fun, then you are probably doing something wrong. Step back, reflect on the entire environment, and really look at what the team is trying to achieve. From my personal experience, it really works and so I pass this on to each of you.

Congratulations Retirees

Yesterday

Master Sgt. Thomas Burke
Air Education and Training Command

Today

Senior Master Sgt. Van Johnson
12th Mission Support Squadron

Today

Master Sgt. Brian Chapman
Air Education and Training Command

Retirement announcements should be submitted to the Wingspread office by noon Friday two weeks prior to the desired date of publication.
E-mail announcements to randolph.retiree.messages@randolph.af.mil or fax them to 652-5412. For more information, call the Wingspread office at 652-5760.

Our heritage: Two generations with the same mission

By Lt. Col. Thomas Goffus
558th Flying Training Squadron commander

Heritage is the art of preserving what is best in our Air Force culture. Ironically, in an era that requires the Air Force to operate at the leading edge of the newest technology, it is critical to maintain contact with the past and where we've come from.

The essence of heritage is a collection of stories – a woven tapestry of narrative that preserves the best that we have been. Heritage is the answer to the seemingly simple question, "Where are you from?"

It is a series of events, ideas, examples, attitudes and beliefs that underpin the values we admire the most and make us successful as an organization. It is the inheritance of every Airman who enters the Air Force when they take an oath to serve their country, whether it's for three years or 30 years. When properly appreciated, heritage is the core and essence of our beliefs and our convictions.

We keep our heritage alive because it is the stuff worth copying. The examples our history provides prove that we are part of something much bigger. We are a part of a long line of sustained effort and excellence.

I was reminded recently of how similar we are to the Airmen of yesterday's Air Force when 13 members of pilot training class 1950-B visited the 558th Flying Training Squadron to celebrate their 55th anniversary. These pilots, many of whom were air combat veterans of both the Korean and Vietnam Wars, flew the original Texan aircraft as part of their primary pilot training here in 1950.

It was a memorable moment for our guests and the 558th FTS instructor pilots when the T-6 Texan II and its namesake, the vintage T-6 Texan, flew side by side in a special demonstration. The highlight, however, was when our guests shared some of their personal experiences. It was with awe and respect that stories of flying, combat, courage and culture were passed between generations that



Bill Collins, lead pilot for the vintage T-6 team, talks to members of pilot training class 1950-B during a recent visit to the 558th Flying Training Squadron to celebrate their 55th anniversary. (Photo by Col. Bob Ireland)

day in the 558th Heritage Room. I realized that while the obstacles and hazards of the mission may have changed in complexity since 1950, the pride and commitment of every person in that room were undeniably the same.

Heritage provides us with the comfort and education of knowing someone else has been there

and done that. Yesterday's Airmen faced similar frustrations as we do today, but they overcame obstacles and triumphed to pave the way for future generations. Heritage is about remembering, recreating and emulating the best the Air Force has to offer. It ensures we keep an eye on the future but never forget our past.

News

Last JSUNT class graduates, CSO takes over

By Bob Hieronymus
Wingspread staff writer

Joint Specialized Undergraduate Navigator Training. The name has been a regular fixture in the Air Force and Navy vocabulary for nine years, but the last class to complete the program graduates 16 Air Force navigators here today. Now the key word is Combat Systems Officer Training.

"The two career fields of navigator and electronic warfare officer are being combined in the Air Force, so it's a logical step to bring training for the two functions together," said Capt. Chris Kaufman, a training officer in the 562nd Flying Training Squadron. "Technology is driving developments in both task areas so that one crew position on an aircraft can serve both functions. This is a significant cultural change in the world of military aviation."

In his May 28, 2002 memorandum directing the change, Gen. John Jumper, Air Force chief of staff, presented the rationale for the change.

"The cornerstone of this initiative is a redesigned flight and ground training pipeline which will produce an aviator skilled in advanced navigation systems, electronic warfare, weapons employment and able to operate the complex systems so critical to the Air Force mission."

Something this important had to be done carefully, Captain Kaufman said. "Professional aircrew members



Capt. Mark LaDrew, instructor in the 562nd Flying Training Squadron, presents a lesson to students from the last Joint Undergraduate Specialized Navigator Training class. (Photo by Dave Terry)

from both career fields worked together to design the new CSO course so that the tasks actually performed on missions are reflected in the curriculum."

The 562nd FTS will continue to be responsible for the navigation part of the course and the 563rd FTS will continue to do the electronic warfare subjects, just as they have done in the past under the JSUNT program.

The division of responsibilities is still necessary because of the technical nature of the two disciplines, said Lt. Col. George Trumbull, 563rd FTS commander.

"The two squadrons worked closely together," he said. "We completely tore the old curriculum apart and in one year's time built a new one to meet the Chief's direction and the demands of the new combat

environment."

"The revised curriculum brings the whole program up to the level of the technology now in use in the field," Colonel Trumbull said. "Graduates of the new CSO course can expect assignments that will place them in aircraft where the duties are completely interchangeable. Having aviators with multiple skills reflects the new reality on the flightline today, whether in airlift, tanker or maritime airframes."

The Navy's flight officers will still break off from the CSO program after the intermediate phase of training, as they did in the JSUNT program, and complete their training at Navy installations where they will be assigned to their destination aircraft. They take most of the same classes as the Air Force students while they are here.

In learning the modern science of aerial navigation, students practice working out the mathematics of air speed, wind direction, time and course to determine their location and how to reach their destination. Only after mastering the basics do the students go on to using the other navigation aids, such as radar, radio and the newest global positioning systems. Along the way, they learn about flight planning, charts, terminal procedures and cross checking instruments to ensure accuracy.

Coursework includes aerospace physiology and land survival, as well as life support and survival procedures related to the T-43 aircraft in which they will fly their training missions.



2nd Lt. Justin Ballard
C-130
Little Rock AFB, Ark.



Ensign Renan Barroso
P-3
NAS Jacksonville, Fla.



2nd Lt. Reynaldo Bautista
E-3
Tinker AFB, Okla.



2nd Lt. James Carter
RC-135 (EWO)
Offutt AFB, Neb.



2nd Lt. Lewis Christenson
B-52
Barksdale AFB, La.



2nd Lt. Shane Clark
HC-130
Moody AFB, Ga.



2nd Lt. Christopher Coville
RC-135 (EWO)
Offutt AFB, Neb.



2nd Lt. Justin Cox
B-52
Barksdale AFB, La.



2nd Lt. Michael Deprey
KC-135
McConnell AFB, Kan.



2nd Lt. Narada Felder
RC-135 (EWO)
Offutt AFB, Neb.



Ensign Brian Fredrick
P-3
NAS Jacksonville, Fla.



Ensign Matthew Hall
P-3
NAS Jacksonville, Fla.



2nd Lt. Peter Howard
MC-130 (EWO)
Mildenhall AB, England



Ensign Evan Larson
P-3
NAS Jacksonville, Fla.



2nd Lt. Cristina Luis
HC-130
Davis-Monthan AFB, Ariz.



1st Lt. Hannah Mitson
C-130
Kulis ANGB, Alaska



2nd Lt. Garrett Penny
E-3
Tinker AFB, Okla.



Lt. j.g. Marc Povondra
P-3
NAS Jacksonville, Fla.



Ensign Jeffrey Prosek
P-3
NAS Jacksonville, Fla.



2nd Lt. Joshua Ream
RC-135
Offutt AFB, Neb.



2nd Lt. Kirsten Ricker
MC-130 (EWO)
Hurlburt Field, Fla.



2nd Lt. Mathew Roberts
B-52 (EWO)
Barksdale AFB, La.



Lt. j.g. Azell Rose
P-3
NAS Jacksonville, Fla.



2nd Lt. Jared Sabnani
C-130
Yokota AB, Japan



2nd Lt. Jeremy Sexton
E-8
Robbins AFB, Ga.



Ensign Charles Steele II
P-3
NAS Jacksonville, Fla.



2nd Lt. Bret Stitt
AC-130
Hurlburt Field, Fla.



2nd Lt. Omar Stookey
C-130
Pittsburgh AFRS, Pa.



Ensign Isaiah Walters
P-3
NAS Jacksonville, Fla.



2nd Lt. Tyler Wintermote
C-130
Pope AFB, N.C.



2nd Lt. Mark Withee
C-130
Dyess AFB, Texas

Wing to conduct exercises next week

The 12th Flying Training Wing will conduct readiness exercises next week at different locations on Randolph AFB.

As part of the exercise scenarios, emergency response vehicles and teams will be dispatched, and the Giant Voice public address system and base siren will be used.

The scenarios may also involve cordons restricting movement through some areas of the base, as well as the need for people to show ID cards at times to enter facilities.

Wing exercise evaluation team officials said the exercises are necessary to evaluate the wing's preparedness to respond to myriad of real-world contingencies, and they asked for the patience and cooperation of the general base populace as the scenarios unfold.

NEWS BRIEFS

12th MSS Change of Command

Maj. Robert Jackson assumes command of the 12th Mission Support Squadron Wednesday with a formal ceremony at 10 a.m. at the officers' club.

560th FTS Change of Command

Lt. Col. Kevin Manion assumes command of the 560th Flying Training Squadron Thursday with a formal ceremony at 9 a.m. at Hangar 4.

Victim advocate volunteers

The sexual assault prevention and response program office is looking for active duty military or civil service volunteers for the victim advocate program. Volunteers work one on one to provide support, liaison services and direct care to sexual assault victims. Volunteers receive mandatory training and must be on-call after duty hours.

Interested people can call the sexual assault response coordinator at 846-2760 for an application.

Two-way traffic on New B Street East

Traffic on New B Street East, from 5th Street East to Harmon Drive, is now open for two-way traffic. This street serves the Randolph elementary school and the base housing office. A study is now under way to evaluate options for traffic movement after school starts this fall.

Road construction on FM 78

The Texas Department of Transportation began construction on FM 78 between Loop 1604 and the Randolph Main Gate. The project will install new turn lanes for the west and main gates. Most of the work will be done weekdays between 9 a.m. and 3:30 p.m., but work at the west gate will be done on weekends to minimize traffic delays.

One eastbound lane from Loop 1604 to the main gate will remain open during construction. The project is scheduled to be completed by July 1.

JSUNT graduation set for today

Twenty-two Air Force and nine Navy aviators receive their navigator and naval flight officer wings during a Joint Specialized Undergraduate Navigator Training graduation ceremony here today.

The ceremony is at 10 a.m. in the Randolph Officers' Club.

The guest speaker is Navy Capt. Ronald

Sandoval, Air Education and Training Command senior Navy liaison officer.

As senior Navy liaison officer, Captain Sandoval is responsible for representing the Navy for all inter-service training and is involved in all joint undergraduate flight training.

Captain Sandoval is a naval aviator with

over 5,300 total flight hours in the T-28, TH-57, H-1, H-3 and H-60.

Col. John Newell, 12th Operations Group commander, is presenting the students with their respective service's silver wings or gold wings, as well as presenting four special awards during the ceremony for student achievement.

COMMANDER CONNECTION

This column is intended to unofficially introduce new unit commanders to the base community.



Lt. Col. Michael "Speare" Pipan 558th Flying Training Squadron commander

- **Date of command:** June 24, 2005
- **558th mission:** To train instructor pilots for the T-6A Texan II.
- **Key to success in the Air Force:** "Take care of your people and the rewards will follow."
- **Hometown:** Falls Church, Va.
- **Vision for the unit:** "Continue the graduate-level pilot instructor training as the T-6A Center of Excellence."

- **Previous assignments:** NATO CAOC 2, Kalkar, Germany
Air Command and Staff College
Kadena Air Base, Japan
- **Most memorable military experience:** "Taxiing into my aircraft shelter at home station after a long deployment with my wife and children watching and waving American flags and holding 'Welcome Home' signs."



Lt. Col. Barbara Eisenstein 12th Medical Operations Squadron commander

- **Date of command:** June 24, 2005
- **Unit mission:** The 12th MDOS provides world-class health care to Team Randolph and the community
- **Key to success in the Air Force:** "Take care of the troops and they'll take care of the mission. Believe in their dreams, listen to their concerns, share the plan, provide the tools and defend their efforts."
- **Hometown:** Swansboro, N.C.
- **Vision for the unit:** "To explore the latest technologies to preserve and improve

- quality health services for the Randolph community. Peace is our profession; prevention and healthcare is our goal."
- **Previous assignments:** 59th Aeromedical-Dental Group, Lackland
Air Force Personnel Center, Randolph
Air Command and Staff College, Maxwell AFB, Ala.
- **Most memorable military experience:** "Caring for wounded American warriors at Balad, Iraq, returning them to safety and finally back to their families. It's an indescribable calling to serve as a medic."

Slice of history

Sharing the honor of cutting the cake celebrating the 75th anniversary of the dedication of Randolph Air Force Base Monday are Col. John Hesterman, 12th Flying Training Wing commander, Sarah Hesterman, Katie Hatzfeld and Staff Sgt. Stephanie Cass, 12th Mission Support Squadron Airman Leadership School. The celebration was held at the youth center where more than 250 young people were served cake and punch. Randolph Field was dedicated June 20, 1930.
(Photo by Rich McFadden)



10 YEARS AGO

in the Wingspread

- ☆ The Randolph Oaks Golf Course started using treated wastewater from the Cibolo Creek Municipal Authority to irrigate the course. The \$1 million project brings water to the course's seven interior ponds where it is pumped through the irrigation system. The new system is expected to save about 77 million gallons of water the base has been drawing from the Edwards Aquifer every year. In addition, it will save \$23,000 in annual water usage fees.
- ☆ Secretary of the Air Force Sheila Widnall announced the selection of Beech Aircraft Corporation of Wichita, Kan., to produce the Joint Primary Aircraft Training System (known today as the T-6A Texan II).
- ☆ The Randolph chaplains accepted delivery of their own flightline ministry vehicle, a modified EZGO golf cart. They held a naming contest and Staff Sgt. Herb Ashley submitted the winning title of "The Friar Truck."
- ☆ Shades of Green, the first Armed Services Recreation Center in the continental United States, opened at Disney World in Florida. The facility provides accommodations at half the cost.

Park University announces Dean's List and graduates

Park University is proud to announce the following students have been honored with an appointment to the Dean's List for their achievements in the Spring I and Spring II 2005 terms:

- Nancy Baker
- David Belval
- Lucas Brown
- Nichole Carter
- Sabrena Clement
- Wilton Cox II
- Peter Garcia
- Dwayne Giles
- Danielle Griffith
- Tracy Hill
- Daniel Kincer
- Michelle Landes
- Chauncey Lane
- Alfonso Martinez
- Susana Middleton

- Tracie Monson
- Jacqueline Moore
- Gary Morgan
- Haughton Morgan
- Cathyrn Perfect
- Dell Pratt
- Carlos Pritchett
- Michael Renn
- Ronald Smith Jr.
- Dumrong Tonkphontong
- Lisa Troxel
- Boyd Walker
- Socorro Whitsey
- Edwin Willson

Park University 2004-2005 Graduates

- Wilma Ambrose
- Nina Alvarez
- Tinia Bills
- Beth Bolado
- Eric Bowman
- Kendra Brown
- Wilton Cox II
- Patrick Dreer Sr.
- Linda Jennings
- Kim Knowles
- Chauncey Lane
- Christopher McPeck
- Carlos Pritchett
- Denise San Roman
- Daniel Sherrard
- Brandy Short
- Breana Solis
- Ennis White

Warrior training hones combat skills

Under the direction of the Logistics Readiness Division, Randolph Airmen eligible for deployment to locations around the world received training Wednesday and Thursday at Eberle Park. The two-day training included courses in self-aid and buddy care, combat skills, chemical warfare protection and use of force.



Master Sgt. Richard Madrid, 12th Medical Operations Squadron, shows Airmen how to carry a wounded person in the field. (Photos by Javier Garcia)



An Airman dons his gas mask during the chemical warfare phase of the deployment training.



Tech. Sgt. Jose Lopez is ready to defend the "friendlies" with his M-16 at the ready during training maneuvers.

Vehicle operators win Top Wheels competition

Two Randolph vehicle control officers were named winners of the 3rd Quarter Top Wheels competition held June 14 at the vehicle management compound.

First Lt. Kenneth Chapman, 12th Medical Group, and his pick-up truck won the general purpose category. General purpose vehicles are sedans, compact to full-size pick-up trucks and step-vans.

Mark Restley, 12th Mission Support Group, and his forklift won the special purpose category. Special purpose vehicles consist of buses, forklifts, fire trucks, ambulances and base maintenance vehicles.

Col. June Gavron, 12th MDG commander, Lt. Col. Keith Pannabecker, 12th Operations Support Squadron commander, and 2nd Lt. Samantha Dankert, 560th Flying Training Squadron, judged the competition.

The Top Wheels program emphasizes basic operator care and provides recognition for above-standard performance.

"The program focuses wing leadership attention on the appearance and condition of military vehicles," said Ross Mangus, 12th MSG fleet manager. "The program helps instill pride in the vehicle fleet and highlights the proper care that should be given to these mission essential assets."

Due to decreased vehicle replacement budgets, the Top Wheels program has taken on greater significance, Mr. Mangus said.



Toney Moon, 12th Mission Support Group, works on the forklift Tuesday at the vehicle operations center that won the June 14 Top Wheels competition. (Photo by Don Lindsey)

"Randolph is projected to receive less than six percent of its vehicle replacement requirements per year," he said. "Our day-to-day efforts in operator care will ensure the vehicles we have remain in service well beyond their normal life expectancy."

College bound scholars



The Randolph Commissary awarded scholarships to two students June 17 during a ceremony. Pictured left to right are: Bobby Brooks, scholarship sponsor; Faith Thompson and Luke Diamond, scholarship winners; and Willie Taylor, base store director. (Photo by Rich McFadden)

Twelve students graduate from ALS

The Airman Leadership School class 05-5 graduated June 17 at the enlisted club. About one hundred guests attended the evening graduation banquet for the 12 students.

Eleven senior airmen and one staff sergeant completed 24 academic duty-days consisting of 192 hours.

Senior Airman Christina Scribner from the Joint Personal Property Shipping Office received the Leadership Award. Staff Sgt. Marina Ramos, 47th Security Forces Squadron at Laughlin Air Force Base, Texas, received the Academic Achievement Award. Senior Airman Cheneldra Moore, 85th Flying Training Squadron at Laughlin, received the Levitow Award as the top distinguished graduate.

The guest speaker for the graduation ceremony was Chief Master Sgt. Christopher Schloemer, Military Personnel Flight superintendent.

Graduates of ALS study three areas of curriculum: communication skills, leadership and management, and the profession of arms.

The ALS is affiliated with the Community College of the Air Force through the College for Enlisted Professional Military Education. The graduates are awarded nine semester hours toward a CCAF degree.

The next ALS class begins Monday.

CDC offers tips for crib safety

By Jennifer Valentin
Wingspread staff writer

To help make parents aware of the importance of crib safety, the Randolph Child Development Center Annex offers some helpful tips.

First, when setting up a sleeping environment for a baby, ensure the crib meets current safety standards, has a firm, tight-fitting mattress and no soft bedding or pillow-like items, said CDC annex officials.

Cribs should not have openings in the foot board or head board where a child's head can become trapped. The slats in the crib should

not be more than two and three-eighth inches apart.

According to CDC annex officials, all of the center's cribs are purchased using the guidelines set in the Caring for Children National Health and Safety Performance Standards.

"We always make sure the cribs we purchase are 100 percent safe for our babies," said Femi O'Grady, CDC annex director.

Cribs must be either metal or wood and have secure locking devices, said Ms. O'Grady. Cribs are always checked for loose or missing pieces before they are assembled.

"After we set up the cribs and use them for a while, we

check them frequently to ensure the hardware on the crib is still safe," said the director.

Ms. O'Grady added that small objects, including tiny toys and balloons, should be kept away from babies. Children can easily put these items in their mouths and choke on them.

"We strive to make the CDC environment as safe as possible for the babies because they are depending on us for their safety," said Ms. O'Grady. "Babies are not able to change their environment, so we have to change for the better."

For more information on baby safety, call the CDC annex at 652-1140.



Angela Magny, child development center annex caregiver, puts Kathryn Morrow in her crib. (Photo by Jennifer Valentin)

Stay cool, beat the south Texas heat

By Jennifer Valentin
Wingspread staff writer

The sizzling summer months are the time to learn how to keep cool and not get overheated. The health and wellness center here has plenty of tips to help beat the heat.

"Keeping hydrated by drinking plenty of water is the most important thing a person can do while in the heat," said Kimberly Houk, HAWC exercise physiologist. "A person should be drinking at least eight 8-ounce glasses of water per day. In addition to this, an extra glass of water should be consumed for every hour of activity and more if in extreme heat."

Always drink water before starting to feel thirsty, said Ms. Houk. Once a person feels thirsty, their body is already dehydrated.

When exercising in the heat, a person should wear loose, lightweight and light-colored clothing made of fabrics that can breathe to keep the body cool, according to the HAWC. People should avoid dark and heavy clothing since they absorb heat.



Maj. Jim Walsh, Headquarters Air Education and Training Command, keeps water by his side to stay hydrated while he exercises. (Photo by Steve White)

During the hot months, the best place to be is indoors with air conditioning.

"If you have to be outside, try to avoid the hottest time of the day and

get errands or yard work done as early as possible," said Ms. Houk.

Wear a wide-brimmed hat and sunglasses to protect the face and eyes from ultraviolet rays, said the exercise physiologist.

"It's a good idea to have a bottle of water and apply sunscreen when out in the sun for long periods of time," said Ms. Houk. "It is important to drink two to four ounces of water approximately every 20 minutes during physical activity."

According to the HAWC, bodies need water for functions such as:

- Expiration
- Regulating body temperature
- Carrying nutrients and oxygen to all cells in the body
- Moistening oxygen for breathing
- Protecting and cushioning vital organs
- Cushioning joints
- Helping to convert food into energy
- Helping the body absorb nutrients
- Removing waste
- Blood is 92 percent water
- Bones are 22 percent water
- Muscles are 75 percent water

For more information, call 652-2300

SPORTS BRIEFS

Men's ice hockey team forming

A men's ice hockey team is forming on base. It is a non-competitive recreational league that will meet off base.

If interested in joining the league, call Brad Barrier at 565-4283 or email him at brad.barrier@randolph.af.mil.

Golf specials

The Monday Super Twilight Golf Special and weekday Reduced Family Golf Special runs through Sept. 30.

Mondays at noon people can golf for a \$7 green fee and pay \$5 per person for a cart.

Families can golf together Monday through Friday at 6:30 p.m. for \$2 per adult and \$1 for children. Adults must be accompanied by a child to enjoy this rate.

Water Aerobics classes

Free water aerobics classes are held Monday and Wednesday from 10-11 a.m. at the Center Pool.

For more information, call the fitness center at 652-5316.

562nd Flying Training Squadron



UNIT SHIELD

The unit shield of the 562nd Flying Training Squadron shows the stylized figure of the phoenix, a mythological bird. Traditions from many cultures identify the phoenix as a beautiful creature that lives many years only to die and rise from its ashes to new life. The 562nd FTS has been activated and deactivated six times in its 63-year history, but remains a vibrant, proud and productive military unit.

UNIT HISTORY

The squadron was activated in 1942 as the 562nd Bombardment Squadron (Heavy), along with its sister unit the 563rd FTS, at Gowen Field, near Boise, Idaho. During World War II, the squadron flew B-17 bombers on approximately 300 missions over Europe from its base at Knettishall, England. In the aftermath of the war, it flew missions dropping food to the starving people of the Netherlands. The unit was deactivated in August 1945, but was reactivated two years later as a Reserve unit and flew a variety of training and bomber aircraft. After another period of deactivation, it was equipped with the F-86 fighter and based at Clovis Air Force Base, N.M., until it was relocated to Spangdahlem Air Base, Germany, and later to Etain AB, France. The 562nd FTS was reorganized again in 1962 at McConnell AFB, Kan., flying the F-105. In 1965, the whole squadron deployed to Takhli AB, Thailand, as part of a four-month test of air operations over North Vietnam. It then returned to Kansas where its mission was to train replacement pilots for F-105 pilots in Southeast Asia. From 1974 to 1992, the squadron flew F-105 and F-4 Wild Weasel aircraft from George AFB, Calif. The squadron was reactivated for the sixth time in 1992 as the 562nd Flying Training Squadron on Randolph with its current mission of training navigators.



The T-43 aircraft, a modified Boeing 737-200 equipped with 12 student navigator and four instructor consoles, has a 3,000 nautical mile range and flies at speeds up to 500 knots at 35,000 feet.

562nd Flying Training Squadron: Conquering global navigation

Unique among military units, the 562nd FTS includes leadership from Air Force and Navy

By Bob Hieronymus
Wingspread staff writer

The 562nd Flying Training Squadron has a long history of service to the nation. Today it provides flying, academic, simulator and officership training in support of the Combat Systems Officer training program here. The squadron is equipped with a mission-ready fleet of 10 T-43 aircraft and six simulator complexes, and manages the civilian crews that fly the aircraft and operate the simulators. The squadron has 35 Navy and 60 Air Force instructors assigned and graduates up to 450 Navy, Air Force, Reserve, Guard and international students each year. The 562nd FTS is unique among military units in its mission and its command. It is the only unit to train navigators for the Air Force and the Navy, and it is the only Air Force squadron where command rotates between Air Force and Navy officers. The current commander is Navy Commander Tim Duening and the Operations Officer is Air Force Lt. Col. Brent Bigger. "The 562nd has always focused on the basics," said Colonel Bigger, "building the foundations of airmanship and navigation fundamentals. All else in the navigation career field stems from this critical schoolhouse mission and we're proud of the results. The evolution of the new Combat Systems Officer training program will remain founded in these same important early

developmental elements." Students entering the 562nd FTS come from all the commissioning sources of the Air Force and Navy and have completed some form of flight training. The Navy students have time in T-6A trainer aircraft and Air Force students have completed 20 hours of flight training in any of several civilian flight schools around the country. The purpose of this early flight training is to acquaint the students with the basic principles and feeling of flight. The students then begin a 2 1/2-month primary phase in which they learn the fundamentals of navigation, radar systems and flight planning. During this phase, training takes the students from their earlier experiences with light aircraft and visual flight rules into high altitude and instrument flight conditions. Moving on to the intermediate phase of training, the students start to work the challenges of global navigation, including aerial refueling. They integrate the flow of mission data required by real world combat missions. The missions they complete in the T-45 simulator can take them to almost any part of the world and require them to respond to changing conditions en route. At the completion of this phase of training, the Navy students receive their wings and transfer to naval training bases for assignment into their specific aircraft. The Air Force students begin a three-week introduction to the world of electronic warfare at the 563rd FTS next door to the 562nd FTS. During this phase, the class is joined by students who have been trained elsewhere for weapons systems officer duties on Air Force B-1 bombers and F-15E Strike Eagle fighters. After this phase of training the students break out into one of two career tracks, either advanced navigation or advanced electronic warfare. "This is when training really starts to be fun," said Capt. John Williams, 562nd FTS assistant director of operations and one of the instructors. "Here is where all the pieces start to come together. Training is based on real wartime scenarios and the students have to integrate the different sources of data and mission control, and then provide guidance to their simulator aircraft commander just the way they will do in operational missions." In one of the simulator assignments in this phase, a group of four students performs a mission in which each student plays the part of a different kind of aircraft, Captain Williams said. "For example, they may simultaneously role-play an AC-130 on a low-level attack mission, a KC-10 tanker, an E-3 AWACS, and a B-52 high altitude bomber," the captain said. "The students work out the coordination problems involved with the four dissimilar aircraft as though it were a real scenario in a theater-wide operation. That's the challenge and that's the fun!"



Navy Lt. Sandra Kosloski (center), an instructor from the 562nd Flying Training Squadron, helps student navigators 2nd Lt. Juan Gonzalez and Deana Lyons with their checklists as they prepare to take off on a training mission in a T-43 "flying classroom." (Photo by Dave Terry)

563rd Flying Training Squadron: Combat systems officers

Providing training with cutting-edge technology, meeting needs of changing combat environment

By Bob Hieronymus
Wingspread staff writer

The 563rd Flying Training Squadron has been a part of Air Force history for more than 60 years. It has been activated seven different times and today is the only Air Force unit providing training for combat systems officers of U.S. and international air forces.

A strong commitment to stay on the cutting edge of technology is part of the daily routine in this squadron. Electronic warfare today requires people who can respond to the rapidly-changing combat environment of radar, infrared, laser and microwave threats that can appear and disappear in seconds but can deliver lethal weapons designed to destroy aircraft or at the very least degrade their missions.

Lt. Col. George Trumbull, 563rd FTS commander and his staff of 57 instructors and support people manage the flow of the advanced Combat Systems Officer training program that recently replaced the Joint Specialized Undergraduate Navigator Training program and Electronic Warfare Officer training programs. The CSO program, with its first class due to graduate late July, is the result of a 2002 Air Force chief of staff directive that the navigator and EWO career fields be combined because technology has made the skills involved in the two areas interchangeable.

Lt. Col. Kenneth Duck, 563rd FTS director of operations, said the squadron graduated more than 550 students in 2004 in its various courses here and overseas. He explained the squadron is constantly involved in developing training to match what is evolving in the current combat arena, especially in joint service operations.

"That means we teach our students more than just how to identify threats," Colonel Duck said. "We teach the defensive and offensive tactics now used in the field to effectively counter those threats, to integrate the flow of data from various sources and to employ a wide range of weapons to neutralize or destroy those threats."

"The role of the CSO today is constantly evolving so our squadron not only teaches basic skills, it also puts teams of instructors into the field where they update aircrews already flying real-world missions," the colonel said. "We even rotated people to a joint operations center in Baghdad, Iraq, where we had a hand in developing measures to neutralize the remotely detonated roadside bombs the terrorists often use there."

The curriculum includes highly technical subjects such as radio wave propagation and reflection, pulse width and pulse recurrence frequency, and methods for "spoofing" and jamming threat emitters. Professionals in the field refer to this technical jargon as just the "beeps and squeaks" they hear in their earphones as they tune their receivers across the frequency spectrum, but this is just one part of the



Capt. Joe Kleeman, an instructor in the 563rd Flying Training Squadron, checks out the displays on a T-25 simulator student console. (Photos by Dave Terry)

process of modern combat systems employment.

"This is not your grandfather's EWO school," said Colonel Trumbull. "We have fostered a culture of innovation here and due to a wide array of very talented instructors from nearly every weapon system in the inventory, the 563rd is uniquely postured to instruct in every facet of the Chief's vision for CSO training."

The squadron also develops and conducts specialized graduate level electronic warfare courses for combat crews of U.S. and allied nations' services.

One of the tools the 563rd FTS instructors use to train the new CSOs in advanced concepts is the Battle Ready Electronic Warfare Trainer. BREWT is a simulator designed and built on site by AAI Services Corporation in partnership with the 563rd FTS. The simulator incorporates a combination of navigation, electronic warfare and weapons employment challenges. It also complements training that has traditionally taken place on a large-scale, mainframe, multi-station computer simulator, the T-25 system, and reduced it to the size of a personal computer.

The squadron co-developed the Global Air Tactics Employment Review II, as well as the new Electronic Warfare Associate's prototype. Units in the Air Force Special Operations Command currently use both systems.

"Systems like these are the lifeblood of future developments for combat systems officers," said Colonel Trumbull. "We've taken a focused approach preparing future aircrews to use the best of today's technology to respond to tomorrow's challenges."

With the new training course for Combat Systems Officers in place now, the squadron continues its unique role in preparing officers for the current and emerging combat threat environment.

UNIT HISTORY

The 563rd FTS was first activated as the 563rd Bombardment Squadron (Heavy) at Gowen Field, near Boise, Idaho, in 1942. Much of its history parallels that of its sister unit, the 562nd FTS.

The 563rd FTS flew more than 300 combat missions over Europe in B-17 bombers from Knettishall Air Base, England, until it was rotated back to the United States in preparation for a final assault on the islands of Japan. It was deactivated in August 1945 without having to carry out that mission.

From 1947 to 1949, the squadron flew F-86 fighters at Clovis AFB, N.M., before transferring to Bitberg AB, Germany, where it flew NATO missions for three years. In 1963 it was reactivated again, this time with F-105 aircraft and immediately moved to Takhli AB, Thailand, where it flew more than 1,500 combat sorties.

During five months of combat, the squadron's aircrews participated in the mission that destroyed the first surface-to-air missile site in North Vietnam. They lost 10 of their original F-105s in combat, had two pilots killed in action and three who were shot down and became prisoners of war in Hanoi. The squadron then returned to the states to train replacement F-105 pilots for Southeast Asia.

In 1975 the squadron began a 14-year assignment at George AFB, Calif., with the Wild Weasel, an F-4 aircraft equipped for electronic warfare. During that time, members from the unit were involved in many new developments in high technology combat, a role that it claimed again when it was reactivated here in 1993 as the 563rd FTS, the Air Force's schoolhouse for EWOs.

Except for three years when the Joint Specialized Undergraduate Navigator Training program was housed at Naval Air Station Pensacola, Fla., the 563rd FTS has been an integral part of the program here to train Air Force, Navy, Marine, Coast Guard, Reserve and international EWOs and navigators.

563rd Flying Training Squadron



UNIT SHIELD

The saber is symbolic of a sharp striking force associated with close combat. The ace of spades represents a top unit capable of overcoming great odds. The diamond, using the squadron color of red, serves as a background and represents the hard core of an organization working as a team.



2nd Lt. Mark Lyerly (right), a student in the 563d Flying Training Squadron, studies a training problem on the Battle Ready Electronic Warfare Trainer, a high technology simulator system used in the Combat Systems Officer training course on Randolph.